

UMass Center for Clinical and Translational Science Newsletter

Volume 2015
Issue 3 *UMCCTS Newsletter April 2015*

Article 1

2015-04-01

UMCCTS Newsletter, April 2015

UMass Center for Clinical and Translational Science

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Repository Citation

UMass Center for Clinical and Translational Science . UMCCTS Newsletter, April 2015. *UMass Center for Clinical and Translational Science Newsletter* 2015(3):1042. <https://doi.org/10.13028/cbjf-ch27>.

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University of Massachusetts Center for Clinical and Translational Science

April 2015

Volume 1, Issue 3

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Conquering Diseases Programs



UMassMemorial
Health Care



University of
Massachusetts
Medical School

Conquering Diseases Open House

April 10th and April 14th

Research Leads to Cures...Be Part of the Cure

Please visit the Conquering Diseases Open House on Friday April 10th or Tuesday, April 14th between 9:00am and 3:00pm.

Here are some ways you can volunteer to participate in UMass Clinical Research:

- Sign up for the Clinical Research Volunteer Registry.
- Learn about studies at UMass that may be of interest to you.
- If you are a UMassMemorial Health Care patient, you can provide a small blood sample for the Biorepository to be used in clinical research studies.

Please stop by to visit us. We are located at:
University of Massachusetts Medical School
Ambulatory Care Center
1st Floor, Room 36 (just past the café)
362 Plantation Street
Worcester, MA 01605

If you can't join us on April 10th or 14th, please contact us and we can arrange for a time for you to drop by.

We can be reached at **508-856-2557** or
ConqueringDiseases@umassmed.edu.

Visit the websites for complete information:

<http://umassmed.edu/conqueringdiseases/>

<http://www.umassmedresearchvolunteer.org/index.html>

(Docket # H-12647 and Docket # H-12562)



CENTER FOR CLINICAL AND
TRANSLATIONAL SCIENCE



OFFICE OF
RESEARCH

Standard Operating Procedure Regarding Possible Financial Conflicts of Interest in Clinical Research

The following email was sent on behalf of Dr. Thoru Pederson, Associate Provost for Research and Medical School Research Integrity Officer, UMMS.

March 30, 2015

Colleagues:

I write to inform you of the standard operating procedure as regards possible financial conflicts of interest (FCOI) in clinical research (HRP-120). Investigators planning clinical studies where a financial conflict of interest may exist must obtain an FCOI approval prior to submitting a protocol on eIRB. The UMMS Institutional Review Board (IRB) will not be able to process the application further than the pre-review without the approval letter from the UMass Conflicts Committee.

To facilitate this process, a **FCOI e-mail address has been created:** coi@umassmed.edu. It is not necessary to provide a complete description of the study, but it is necessary to disclose any possible FCOI. In many cases, an investigator will have already disclosed a FCOI in the annual electronic system, but it is the convergence of that outside relationship with a planned clinical study that must be assessed. I would respectfully ask you to err on the side of full disclosure and not attempt to make your own determinations of whether there is a FCOI or not.

This standard operating procedure will save undue delays that had sometimes occurred when the FCOI review was conducted after an eIRB filing had been made. I will be pleased to speak to anyone prior to their filing an FCOI related to clinical studies. I can be reached directly at 508-856-8667 (a private line) or at thoru.pederson@umassmed.edu.

Thank you.

Thoru Pederson, Ph.D.

Associate Vice Provost for Research

Medical School Research Integrity Officer

University of Massachusetts Medical School



NOVARTIS

Novartis Compounds Available for Use

Novartis Oncology offers compounds to researchers through an online database,

<http://www.novartisoncology.com/ct/pipelineHome>

The database is searchable by molecular pathway, disease site, or compound name. All compounds are either in pre-clinical or clinical development and can be requested through a short material transfer application.

Please contact Nate Hafer, PhD nathaniel.hafer@umassmed.edu for a copy of the application or for more information.

UMass Center for Clinical and Translational Science

Researcher Resources: Investigational Drug Service

The investigational pharmacists in the **Investigational Drug Service (IDS)** play a key role in facilitating subject safety for clinical trials being conducted at UMass Medical School (UMMS) and UMass Memorial Medical Center (UMMMC). The IDS has the following major roles and responsibilities:

- Consultation with investigators pre-study and throughout conduct of trial, including assessment of appropriate charges for investigational services;
- Preparation of IDDF (drug data form);
- Aiding in procurement of investigational drugs;
- Receipt, storage, accountability, dispensing and return/destruction of all investigational drugs;
- Monitoring of all ongoing investigational drug activity by clinical researchers in the UMMS or on the campuses of UMMMC;
- Control and accountability of investigational drugs according to state and federal regulatory requirements, sponsor specifications and hospital pharmacy practice;
- With limited exception, UMMS/UMMMC policy requires that all drugs used for investigational purposes at UMMS/UMMMC must be stored, compounded and dispensed in the Investigational Drug Service pharmacy. Exceptions can only be made with advance approval by Investigational Pharmacy.

Location and Hours:

- Location: UMMS Ambulatory Care Center – 6th floor; Satellite Service at Memorial Campus
- Hours: Standard hours of operations are 8:30- 5 on weekdays with 24 hrs on-call service and support available after hours, holidays and on weekends.

Support Service Pricing

The IDS is a cost-based support service. Investigators conducting research involving investigational drugs should ensure that their study budget sufficiently covers the costs of IDS support.

Please go to the website for complete information:

<http://www.umassmed.edu/ccts/human-research/researcher-resources/investigational-drug-service/>



UMass Amherst
Du Bois Library Falcons



Did you know that for the past 13 years Peregrine Falcons have been nesting on the roof of the W.E.B. Du Bois Library at the University of Massachusetts Amherst campus?

Check out the live webcam to watch the Falcon parents in action. So far, one egg is visible in the nest.

<http://webdevvirt.ddns.umass.edu/falcons>



UMCCTS "R-Club"

Basic Elements and Process for a Successful Grant Application

Wednesday, April 15, 2015

12:30 pm

Conference Room AS6-2072

Albert Sherman Center

University of Massachusetts Medical School

The UMass Center for Clinical and Translational Science and the UMMS Office of Research "R-Club" was established in October 2014 and is co-lead by Drs. Beth McCormick and Robert Goldberg. The R-Club is a seminar/working group that is available for all current and past K awardees and junior faculty at the institution who are contemplating the submission of an R-type grant (e.g. R01, R03, R21) to the NIH during the coming academic year.

This course will meet on a regular monthly basis and will have discussions on all the basic elements of a grant application. A series of mock grant reviews will be conducted during the year so that applicants will obtain a better appreciation for the peer review process and what makes for a successful grant application. This working group is intended to enhance, and not replace, mentoring by peers and senior faculty. Each of the monthly sessions will be conducted in an interactive format so that attendees can ask questions of each other and the course leaders to facilitate their proposal development.

Interested in joining or questions? Please contact the Program Leaders: **Beth McCormick, PhD** beth.mccormick@umassmed.edu and **Robert J. Goldberg, PhD** Robert.goldberg@umassmed.edu

Complete information and schedule: <http://www.umassmed.edu/ccts/education/r-club/>



Massachusetts Medical Device Development Center

2015 M2D2 New Venture Competition Awards

Thursday, April 16, 2015

4:00 – 7:00 pm

Mintz Levin

One Financial Center

Boston, MA 02111

Mintz Levin and The Massachusetts Medical Device Development Center (M2D2), along with Smith & Nephew, Boston Scientific, Omni Components and the Massachusetts Life Sciences Center will be hosting the New Venture Competition Awards.

This event will feature the presenters of the 2015 M2D2 New Venture Competition Showcase. Posters by Medical Device start-up companies and inventors will be featuring new medical design inventions that have been submitted to the M2D2 New Venture Competition. Finalists have competed for a chance to win a total of \$100,000 in-kind business services.

This event is for inventors, entrepreneurs and small businesses as well as investors in the medical device industry.

Complete information and to Register: <http://www.uml.edu/Research/Centers/M2D2/NVC-Awards.aspx>



University of Massachusetts Medical School
Program in Molecular Medicine
In-House Seminar Series



Roger J. Davis, PhD

Howard Hughes Medical Institute Investigator

H. Arthur Smith Chair in Cancer Research

Professor, Program in Molecular Medicine

University of Massachusetts Medical School

<http://profiles.umassmed.edu/Profiles/display/132098>

“Metabolic Stress Signaling by JNK”

Monday, April 13, 2015

12:00 – 1:00 pm

Biotech II, 373 Plantation Street

3rd Floor Seminar Room

University of Massachusetts Medical School

Host: Michael Czech, PhD, Chair and Professor, Program in Molecular Medicine



University of Massachusetts Lowell

Department of Clinical Laboratory and Nutritional Sciences

CLNS Colloquium



Elazer R. Edelman, MD, PhD

Thomas D. and Virginia W. Cabot Professor of Health Sciences and Technology at MIT, Professor of Medicine at Harvard Medical School, and Senior Attending Physician in the Coronary Care Unit at the Brigham and Women's Hospital, Boston

<http://edelmanlab.mit.edu/elazer-edelman>

"Endothelial Control of Vascular and Cancer Biology"

Thursday, April 16, 2015

12:30 – 1:30 pm

O'Leary Library, Room #222

South Campus, UMass Lowell

Host: Mahdi Garelnabi, PhD, MSc, FAHA Mahdi_Garelnabi@uml.edu

<http://faculty.uml.edu/mgarelnabi/index.html>



UMass Amherst Research and Engagement

Translational Research Seminar and Panel Discussion

Traveling the Road from Basic to Translational Research Concept to Practice

Thursday, April 16, 2015

9:00 – 11:00 am

Amherst Room, Campus Center, 10th Floor

A **Seminar and Panel Discussion on Translational Research*** as a potential means to diversify sources of sponsored research, attract more great students, expand the public and social impact of your work.

9:00 - Opening remarks by Chancellor Kumble Subbaswamy

9:10 - Keynote by Robert Sproull –Co-author, [AAAS report on New Models for U.S. Science and Technology Policy](#).

9:30 - Panel discussion featuring Bob Sproull, UMass Amherst and UMass Medical School faculty members:

- Robert Sproull - Chair of the Computer Science and Telecommunications Board, National Academies. Adjunct Professor of Computer Science, UMass Amherst; former Director, Oracle Labs, Oracle Corporation
- Peter Reinhart, Executive Director, Institute for Applied Life Sciences; Clinical Professor, Biochemistry and Molecular Biology, UMass Amherst (*Moderator*)
- Katherine Luzuriaga, Director and PI, UMass Center for Clinical and Translational Research; Vice Provost, Clinical and Translational Research; Professor, Molecular Medicine, Pediatrics and Medicine, UMass Medical School
- Bob MacWright – Director, Technology Transfer Office, UMass Amherst
- Lisa Minter – Assistant Professor, Veterinary and Animal Sciences; Graduate Program Director, Animal Biotechnology and Biomedical Sciences
- Chris Salthouse – Dev & Linda Gupta Assistant Professor, Electrical & Computer Engineering, UMass Amherst
- S. “Thai” Thayumanavan – Distinguished Professor, Chemistry, UMass Amherst
- Bill Wooldridge – Professor and Managing Director of the Berthiaume Center for Entrepreneurship, Isenberg School of Management, UMass Amherst

Panel/audience discussion questions will include: Is Basic science/Translational science an either/or proposition? How are the federal/state funding priorities changing? How are translational research successes valued by personnel committees, and tenure review panels?

**Translational Research applies findings from basic science to societal needs such as human health and well-being.*

**All faculty, students and postdocs welcome. The event is free, but space is limited.
Refreshments served.**

REGISTRATION: <http://www.umass.edu/research/webform/translational-research>



University of Massachusetts Lowell

Department of Clinical Laboratory and Nutritional Sciences

CLNS Colloquium



Dr. Bruce A. Jackson

Professor and Chair

Department of Biotechnology and Forensic DNA Science

MassBay Community College

Wellesley Hills, MA

<http://www.pbs.org/wgbh/nova/blogs/secretlife/sports/bruce-jackson/>

“The Use of Y-DNA and Mitochondrial DNA in Tracing the Origins of Human Lineages”

Thursday, April 23, 2015

12:30 – 1:30 pm

O'Leary Library, Room #222

South Campus, University of Massachusetts Lowell

Host: Mahdi Garelnabi, PhD, MSc, FAHA Mahdi_Garelnabi@uml.edu

<http://faculty.uml.edu/mgarelnabi/index.html>

The New England SBIR/STTR Workshop for Small Businesses in Reproductive Health and Women's Health

Thursday, April 23, 2015

8:00 am – 5:00 pm

The Boston University Metcalf Trustee Center

1 Siber Way, Boston, MA 02215

Discuss opportunities to pursue research funded processes through the National Institute of Child Health and Human Development (NICHD) Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) mechanisms.

The workshop focus is on developing products and services to improve reproductive health and the health of women. **Don't miss the opportunity to meet one-on-one with (NICHD) Program Officers!**

To Register: <http://www.bu.edu/bostonroc/sbir/registration/> (Registration ends on April 17)

Complete Workshop Information: <http://www.bu.edu/bostonroc/sbir/>



Announcing...Zoobiquity Boston Conference Human and Animal Health in a Changing Global Environment

Saturday, April 25, 2015

7:50 am – 6:00 pm

Boston, MA

The Zoobiquity Conference Boston is sponsored by Tufts University, including the Cummings School of Veterinary Medicine, the Tufts Clinical Translational Science Institute and the School of Medicine.

Tufts is honored to be joined in hosting this event with colleagues from every medical school in Massachusetts along with MIT Division of Comparative Medicine

These partners include:

- Boston University Clinical Translational Science Institute
- Harvard Catalyst, the Harvard Clinical Translational Science Center
- Harvard Medical School
- University of Massachusetts Center for Clinical and Translational Science
- University of Massachusetts Medical School
- Massachusetts Institute of Technology Division of Comparative Medicine

Registration now open!

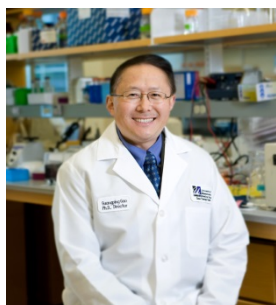
Visit the [registration page](#) for more information. **To encourage students and trainees to attend, the UMass CCTS is offering free admission for the first 10 UMass students/trainees to register.** Please contact Nate Hafer at nathaniel.hafer@umassmed.edu for full details, including registration information.

CONTACT: vetceinfo@tufts.edu or 508-887-4723

Zoobiquity Website: <http://zoobiquity.com>



University of Massachusetts Medical School
Program in Molecular Medicine
In-House Seminar Series



Guangping Gao, PhD

Professor, Microbiology & Physiological Systems

Director, Gene Therapy Center

University of Massachusetts Medical School

<http://profiles.umassmed.edu/Profiles/display/129927>

<http://www.umassmed.edu/atc/gtc/labs/new-pagegao/>

***“Outside and Inside Stories of Adeno-Associated Virus Vectors in
in-vivo Gene Transfer”***

Monday, May 4, 2015

12:00 – 1:00 pm

Biotech II, 373 Plantation Street

3rd Floor Seminar Room

University of Massachusetts Medical School

Host: Michael Czech, PhD, Chair and Professor, Program in Molecular Medicine

~HOLD THE DATE~

UMass Center for Clinical and Translational Science and UMMS Innovation & Business Development Seminar

Sudhir Agrawal, D. Phil, FRSC

President of Research

Idera Pharmaceuticals, Inc.

Cambridge, MA

<http://www.iderapharma.com/about-idera/leadership-team>

“Novel Nucleic Acid Therapeutics to Treat Disease”

Thursday, May 14, 2015

12:00 – 1:00 pm

Faculty Conference Room

1st Floor Medical School Lobby entrance

University of Massachusetts Medical School

Hosts:

Katherine Luzuriaga, MD, Director and PI, UMCCTS; Vice Provost, Clinical and Translational Science, UMMS; Professor, Molecular Medicine, Pediatrics and Medicine

Brendan O’Leary, PhD, Executive Vice Chancellor, Innovation & Business Development, UMMS

New CTSA Collaborative Innovation Awards

The National Center for Advancing Translational Sciences (NCATS), National Institutes of Health has just announced a new **Collaborative Innovation Award, Clinical and Translational Science Award (CTSA) Program U01 and pre-application X02**.

These FOAs aims to support applications for innovative collaborative investigations (**involving three or more CTSA sites**) into improvements of the methods of translational research, at any step in the translational spectrum (T1-T4). It is anticipated that the combined effort of three or more CTSA hubs in flexible networks will substantially enhance the effectiveness of the CTSA consortium to address high priority translational research questions. These FOAs therefore aim to support innovative and collaborative experimental translational research projects carried out in the CTSA consortium that have the following characteristics:

1. Such projects should develop a new technology, method, or approach that addresses a general roadblock in science and/or operations that limits the efficiency and effectiveness of translation.
2. Such projects should demonstrate in one or more use cases whether the tool, method, or approach is effective in accelerating translation, utilizing clear and meaningful metrics and outcomes, when implemented across multiple CTSA hubs.
3. Such projects should advance collaboration, building on existing strengths and resources of individual CTSA hubs.
4. What constitutes success of the proposed project can be defined and measured.

Please see complete details in the 2 links below: There is a pre-application step (X02) followed by an invited full application (U01).

X02 URL: <http://grants.nih.gov/grants/guide/pa-files/PA-15-173.html>

U01 URL: <http://grants.nih.gov/grants/guide/pa-files/PA-15-172.html>

If you are interested in submitting a pre-application, please contact Nate Hafer, Director of Operations, UMCCTS, at nathaniel.hafer@umassmed.edu or 508-856-2511.

~EXTENDED DEADLINE DATE~

UMMS Center for Health Equity Intervention Research (CHEIR) Request for Abstracts for Research Projects

UMMS is planning to apply for a 5-year renewal to the National Institute on Minority Health and Health Disparities (NIMHD) to continue the work of the **UMass Center for Health Equity Intervention Research** (CHEIR, 5P60MD00a6912). For more information about CHEIR, please visit www.cheir.org

CHEIR is a multidisciplinary research center housed at the **Department of Quantitative Health Sciences** at the UMass Medical School and is a collaboration of the UMass Worcester and UMass Boston campuses. CHEIR's mission is to develop interventions and strategies that incorporate research, community collaboration and health equity approaches to improve the health of populations and communities most impacted by health disparities.

As part of the renewal process, we will include 2-3 R01-type research studies proposed by UMass faculty in the area of health disparities and health equity. We are seeking brief abstracts to be used for selecting the research studies that will be invited to apply as part of the grant proposal. **Extended deadline for submission of abstracts is 5:00 pm on Friday, April 10, 2015.**

R01-type research projects selected for inclusion in the CHEIR renewal proposal will have budgets of approximately \$150,000 per year for a 5-year project period. We anticipate selecting 2-3 R01-type projects.

Timeline

Deadline for Abstracts: EXTENDED to Friday, April 10, 2015 at 5:00 pm

Notification of Selection: June 30, 2015

Earliest Possible Start Date for Selected Projects (pending funding): February, 2017

Complete information and the full RFA available at:

<http://umassmed.edu/qhs/news/2015/February/cheir-releases-request-for-abstracts-for-new-research-projects-related-to-health-disparities/>

Please contact Chioma Nnaji in the Department of Quantitative Health Sciences via email chioma.nnaji@umassmed.edu for complete abstract submission instructions/details.

Questions? Please direct all questions regarding this RFA to Richard McManus, Department of Quantitative Health Sciences, via email at richard.mcmanus@umassmed.edu

UMass Center for Clinical and Translational Science
362 Plantation Street, Ambulatory Care Center, 7th Floor
Worcester, MA 01605-0002

Website: <http://www.umassmed.edu/CCTS>

Email: ccts@umassmed.edu

Contact us: <http://www.umassmed.edu/ccts/contact-us/>

Sign-up for Membership: <http://www.umassmed.edu/ccts/ccts-sign-up-for-membership/>

Please remember to cite the CTSA Grant # UL1TR000161 in all supported journal publications.
<http://www.umassmed.edu/ccts/nih-citation-requirements/>